

JUL 23 2003

DOCKET NO. 3802-013-27 NATL

JUL 23 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Michael MENDEZ et al.

ART UNIT: 1636

SERIAL NO.: 09/762,476

EXAMINER: William O. Sandals

FILING DATE: September 27, 2001

FOR: HYBRID YEAST-BACTERIA CLONING SYSTEM AND USES THEREOF

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS

PO BOX 1450

ALEXANDRIA, VA 22313-1450

SIR:

Responsive to the outstanding Office Action dated April 23, 2003, entry of the following amendments is respectfully requested.

IN THE CLAIMS

Please cancel claim 5 without prejudice or disclaimer of the subject matter contained therein.

Please amend Claims 1-4, 6 and 20 as follows:

1. (Amended) A vector system for capture, cloning, manipulation, production and delivery of large nucleic acids to a target cell comprising:

(a) a first arm having a first selectable marker, a first cyclization element, and a first segment homologous to the 5' terminus of a target polynucleotide; and

(b) a second arm having a second selectable marker, a second cyclization element, and a second segment homologous to the 3' terminus of the target polynucleotide,

wherein at least one arm further comprises an origin of replication.

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Re: Serial No.: 09/762,476
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Group Art Unit: 1636
Examiner: William O. Sandals

SIR:

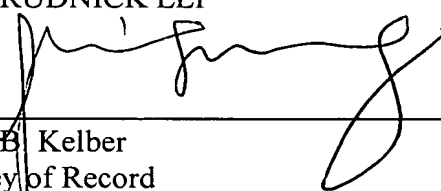
Attached hereto for filing are the following papers:

AMENDMENT, INCLUDING ATTACHMENT (1)

Our check in the amount of \$ 0.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

PIPER RUDNICK LLP



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